25X1

CLASSIFICATION CONFIDENTIAL SECRET [redacted]

INTELLOFAX 10

COUNTRY Germany (Soviet Zone) REPORT NO. [redacted]

25X1

TOPIC Analysis of the Espenhain Crude Phenol

25X1 EVALUATION [redacted] PLACE OBTAINED [redacted]

25X1

DATE OF CONTENT 3 September 1950

25X1 DATE OBTAINED [redacted] DATE PREPARED 7 December 1950

25X1

REFERENCES [redacted]

PAGES 2 ENCLOSURES (NO. & TYPE) [redacted]

REMARKS

25X1

[redacted]

1. According to an analysis made on 3 September 1950 of the crude phenol from Espenhain, this crude phenol has a specific gravity of 1.065 at a water temperature of 4 degrees centigrade and at a phenol temperature of 20 degrees centigrade. This crude phenol is composed of the following elements:

	Norm	Converted into/dry crude phenol (umgerechnet auf)
Neutral oil	0.4	0.34
Annealing residues	2.4	2.02
NaOH	0.3	0.25
Phenol	28.9	24.3
Na_2CO_3	2.4	2.02
Cresol	33.1	27.8
Xylenol	16.7	14.0
Residues	4.0	3.78
Loss	0.8	0.67
Water	11.0	- *

25X1 25X1 * [redacted] Comment. [redacted] did not explain in what units these figures are given. The Espenhain combine is a part of the SAG "Briquette". Light and heavy oil in the ratio of 2:3 is obtained in the distillation chamber of the combine. Twenty-five percent of phenol is extracted from the heavy oil at the Koppers extraction plant which is a subsidiary of the combine's tar processing factory.

CLASSIFICATION CONFIDENTIAL SECRET [redacted]

25X1

25X1